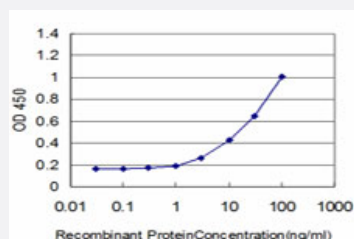


ID3 monoclonal antibody (M02), clone 3E10

Catalog # H00003399-M02

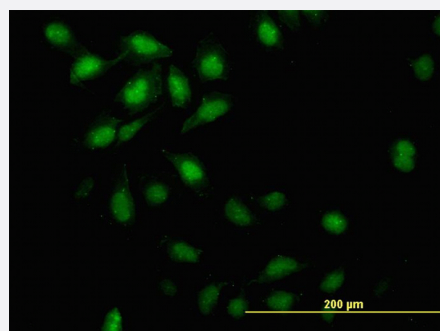
Size 100 ug

Applications



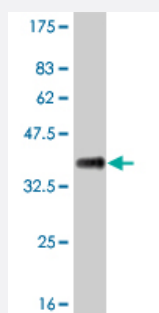
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ID3 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to ID3 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (34.87 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ID3.

Immunogen	ID3 (NP_002158, 1 a.a. ~ 83 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKALSPVRGCYEAVCCLSERSLAIARGRGKGPAAEPLSLDDMNHCSRLRELVPGVPRGTQL SQVEILQRVIDYILDLQVV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (98)
Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.87 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ID3 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ID3 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ID3

Entrez GeneID	3399
GeneBank Accession#	NM_002167

Protein Accession#	NP_002158
Gene Name	ID3
Gene Alias	HEIR-1, bHLHb25
Gene Description	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein
Omim ID	600277
Gene Ontology	Hyperlink
Gene Summary	Members of the ID family of helix-loop-helix (HLH) proteins lack a basic DNA-binding domain and inhibit transcription through formation of nonfunctional dimers that are incapable of binding to DN A.[supplied by OMIM
Other Designations	OTTHUMP00000003263 inhibitor of DNA binding 3

Publication Reference

- [Increased expression of Id1 and Id3 promotes tumorigenicity by enhancing angiogenesis and suppressing apoptosis in small cell lung cancer.](#)

Chen D, Forootan SS, Gosney JR, Forootan FS, Ke Y.

Genes & Cancer 2014 May; 5(5-6):212.

Application: WB-Tr, Human, N417 cells

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Carotid Artery Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Male Urogenital Diseases](#)
- [Neoplasm Invasiveness](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)